

L3 ANSWER 1 OF 1 JAPIO (C) 2004 JPO on STN
ACCESSION NUMBER: 1992-128275 JAPIO Full-text
TITLE: N-BENZYLAMIDES AND INSECTICIDAL MITICIDE CONTAINING THE
COMPOUND AS ACTIVE

Am

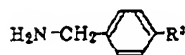
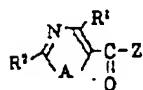
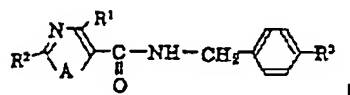
INVENTOR: HOSOKAWA AKIYOSHI; MIURA YUMIKO; TANAKA TOSHIHIKO; FUKUCHI
TOSHIKI
PATENT ASSIGNEE(S): MITSUBISHI KASEI CORP
PATENT INFORMATION:

PATENT NO	KIND	DATE	ERA	MAIN IPC
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JP--04128275	A	19920428	Heisei	C07D-277-56
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APPLICATION INFORMATION

DERWENT FORMAT: 1990JP-0249254 19900919
ORIGINAL: JP02249254 Heisei
PRIORITY APPLN. INFO.: 1990JP-0249254 19900919
SOURCE: PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined
Applications, Vol. 1992
INT. PATENT CLASSIF.:
MAIN: C07D-277-56
SECONDARY: A01N-043-76; A01N-043-78; C07D-263-34; C07D-263-38; C07D-
263-46;
C07D-263-48



ABSTRACT:

NEW MATERIAL: The compound of formula I [A is S or O; R<SP>1</SP> is H, methyl, ethyl or trifluoromethyl; R<SP>2</SP> is H, 1-3C alkyl, phenyl, 1-3C alkoxy, halogen, mercapto, 1-3C alkylthio, 2-4C alkoxy carbonyl, amino, 1-3C alkylamino, etc.; R<SP>3</SP> is 1-5C alkyl, 2-5C alkenyl, 1-5C alkoxy or group of formula II (R<SP>4</SP> is H, 1-5C alkyl, cyano, nitro, etc.)].
EXAMPLE: N-(4-tert. butylbenzyl)-4-methyl-5-thiazolecarboxamide. USE: An insecticidal miticide.

PREPARATION: A compound of formula III (Z is Cl, Br, OH, methoxy, ethoxy or propoxy) is made to react with a compound of formula IV in a solvent (e.g. water or benzene) in the presence of a base (e.g. sodium hydroxide) preferably at 0-20°C. COPYRIGHT: (C)1992, JPO&Japio

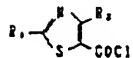
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L46 ANSWER 1 OF 1 JAPIO (C) 2004 JPO on STN
 ACCESSION NUMBER: 1992-049290 JAPIO Full-text
 TITLE: PRODUCTION OF OPTICALLY ACTIVE AMIDE DERIVATIVE
 INVENTOR: KUWAZUKA TOSHIKI; WATANABE SEIICHI; ISHIKAWA KATSUTOSHI;
 TANAKA YOSHINORI
 PATENT ASSIGNEE(S): MITSUI TOATSU CHEM INC
 PATENT INFORMATION:

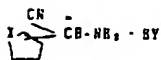
PATENT NO	KIND	DATE	ERA	MAIN IPC
JP--04049290	A	19920218	Heisei	C07D-417-12

APPLICATION INFORMATION

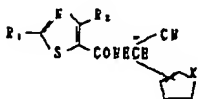
DERWENT FORMAT: 1990JP-0157559 19900618
 ORIGINAL: JP02157559 Heisei
 PRIORITY APPLN. INFO.: 1990JP-0157559 19900618
 SOURCE: PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined
 Applications, Vol. 1992
 INT. PATENT CLASSIF.:
 MAIN: C07D-417-12
 ADDITIONAL: A01N-043-78



I



II



III

ABSTRACT:

PURPOSE: To obtain the subject compounds of high optical purity useful as an agricultural fungicide without racemization by reacting an optically active aminoacetonitrile salt with a thiazole carboxylic acid chloride in the presence of a base in a suspension state. CONSTITUTION: A thiazole carboxylic acid chloride (e.g. thiazole-5-carboxylic acid chloride) or formula I (R<SB>1</SB> and R<SB>2</SB> are H, 1-4C lower alkyl, haloalkyl or phenyl) is made to react with an optically active aminoacetonitrile (e.g. D-2- amino-2-furylacetonitrile) of formula II (C* is asymmetric carbon; X is O or S; HY is optically active acid) in the presence of a base in a suspension state to obtain the objective compound of formula III. The base is an organic base showing a crystalline state at the ordinary temperature and imidazole, 1,2,4-triazole, etc., are exemplified. The reaction temperature is -10 to 50°C, preferably within a range of 0-20°C. COPYRIGHT: (C)1992,JPO&Japio